

GENERAL

ALSO INCLUDED IS THE INSTALLATION OF SAMPLING LOOPS ON EASTBOUND MD 450 EAST OF THE NEW MD 450 AT MD 704 INTERSECTION.

THIS IS AN EXTENSION OF THE EXISTING INTERCONNECT SYSTEM THAT CURRENTLY
TERMINATES AT THE INTERSECTION OF MD 704 AT LOTTSFORD VISTA RD./BUSINESS PARKWAY.

INTERCONNECT OPERATION

THE EXISTING INTERCONNECT BETWEEN MD 704 AT LOTTSFORD VISTA RD./BUSINESS PKWY.
AND MD 704 AT FORBES BLVD. IS TO BE MAINTAINED.

THE SAMPLING LOOPS ON WESTBOUND MD 704 JUST WEST OF THE MD 704 AT LOTTSFORD VISTA RD./BUSINESS PKWY. INTERSECTION ARE TO BE MAINTAINED.

CONTROLLER REQUIREMENTS

THE EXISTING CONTROLLER FOR THE EXISTING SYSTEM IS TO BE UTILIZED.

SPECIAL NOTE

THE EXISTING INTERCONNECT BETWEEN THE EXISTING MD 450 AT MD 704 AND THE MD 450 AT THE 953 (GLENN DALE RD.) INTERSECTIONS IS TO BE MAINTAINED UNTIL THE EXISTING MD 450 AT MD 704 SIGNAL IS DEACTIVATED. THE UTILITY POLES THAT THE INTERCONNECT IS ATTACHED TO ARE TO BE RELOCATED. IT IS ANTICIPATED THAT THIS WILL BE DONE IN ADVANCE OF EITHER THIS CONTRACT OR BEFORE THIS CONTRACTOR WILL BE ALLOWED TO WORK IN THIS AREA.

ALL FIELD WIRING FOR THE INTERCONNECT TO THE EXISTING AND PROPOSED CONTROLLER CABINETS SHALL BE TERMINATED TO THE APPROPRIATE CONTROLLER CABINET CONNECTORS, PLUS 15 FEET OF COILED CABLE, BY THE CONTRACTOR AND DIRECTION LABELLED. TELEMETRY CABLES AND ALL OTHER RELATED CONTROLLER CABINET WIRING WILL BE PERFORMED BY THE S.H.A. SIGNAL SHOP. CONTACT MR. ROBERT SNYDER AT (410) 787-7631 SEVENTY-TWO (72) HOURS IN ADVANCE OF INTENDED WORK.

THE CONTRACTOR SHALL REMOVE THE SELF-SUPPORTING PORTION OF THE TELEMETRY CABLE THAT IS INSTALLED IN CONDUIT, HANDHOLES, POLES, ACROSS SPAN WIRE AND IN CONTROLLERS. THE SELF-SUPPORTING SPAN SHALL BE REMOVED UTILIZING A "FIGURE-8" CABLE SLICER SPECIALLY DESIGNED FOR THIS PURPOSE.

THE CONTRACTOR IS TO INSTALL NEW BELL-ENDS ON ALL UTILIZED CONDUIT IN THE EXISTING HANDHOLES EXCEPT IN CASES WHERE BELL-ENDS IN GOOD CONDITION EXIST.

72 HOURS PRIOR TO ANY WORK ON THE TRAFFIC SIGNALS, THE CONTRACTOR SHALL NOTIFY THE DISTRICT 3 TRAFFIC SECTION REPRESENTATIVE, MR. RICHARD BUETTNER (301-513-7316) AND THE SIGNAL OPERATIONS SUPERVISOR, MR. EDWARD RODENHIZER (410-787-7652).

SEE PLAN SHEET

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

NO ITEMS

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE S.H.A. AT (410)787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.


NO ITEMS

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

<u>CATEGORY</u> <u>CODE NO.</u>	<u>SPEC.</u> <u>SECTION</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
805026	805	40 L.F.	FURNISH AND INSTALL 3 IN. ELECTRICAL CONDUIT - PVC RISER
805135	805	1350 L.F.	FURNISH AND INSTALL 3 IN. SCHEDULE 40 RIGID PVC CONDUIT - TRENCHED
811001	811	7 EA.	FURNISH AND INSTALL ELECTRICAL HANDHOLE
822001	810	3850 L.F.	FURNISH AND INSTALL 12-PAIR COMMUNICATION CABLE, SELF-SUPPORTING (OVERHEAD)
822002	810	2730 L.F.	FURNISH AND INSTALL 12-PAIR COMMUNICATION CABLE, JELLY-FILLED (UNDERGROUND)
822500	XXX	1 EA.	AS-BUILT FOR TRAFFIC SIGNAL
800000	805	25 L.F.	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
800000	XXX	LUMP SUM	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

F H W A	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
REGION NO.				
3	MD	SEE TITLE SHEET	392	466

TRAFFIC SIGNAL INTERCONNECT	DWG. NO. TS-46
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 MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 704 AT FORBES BLVD. EAST TO
MD 450 AT MD 953 (GLENN DALE ROAD)

DRAWN BY:	D.A. NES/R.R. ZACHERL	F.A.P. NO.	N/A	PLAN	
CHECK BY:	DJD 7-26-91 EMM 7-26-91	S.H.A. NO.	N/A	SHEET NO.:	SHEET NO.
SCALE:	NONE	COUNTRY	PRINCE GEORGES	TS-2637A-GI	392 OF 465

REVISIONS	APPROVALS
	ASST. DIVISION CHIEF, T&E
	ASST. DISTRICT ENGINEER, TRAFFIC
(A) AUGUST 1996 - WTB RECONSTRUCTION OF MD 704 & MD 450. EXTENSION OF INTERCONNECT EAST TO MD 953. SHA NO. PG9005171	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
JDM	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND